

**Note to Readers:** If you need assistance accessing items in this Supplemental Material, please contact [ehp508@niehs.nih.gov](mailto:ehp508@niehs.nih.gov). Our staff will work with you to assess and meet your accessibility needs within 3 working days.

## **Table of Contents for Supplemental Material**

### **A Unified Probabilistic Framework for Dose–Response Assessment of Human Health Effects**

Weihsueh A. Chiu and Wout Slob

#### **Data and R Code for Illustrative Examples**

**Table S1.** List of files provided as Supplemental Data that can be used to reproduce the illustrative example calculations.

#### **Additional applications and extensions**

Performing a population assessment

Chemical-specific/data-derived toxicokinetics or toxicodynamics

Extrapolation to downstream health endpoints and adverse outcome pathways

**Figure S1.** Individual probability of effect generated from an underlying continuous dose-response and a deterministic or stochastic relationship to the quantal effect.

Cross-study/endpoint uncertainties

Extrapolation to magnitudes of effect below a critical effect size

Extrapolation to very low incidences

Integrating with probabilistic exposure assessment

#### **References**

#### **Additional Files**

#### **Supplemental Data And R Code Zip Files**